

08-15-01

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Please type a plus sign (+) inside this box → ☐PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | 38880.2200  |
| First Inventor         | James L. Todsen   |
| Title                  | Fast-Settling Digital Filter And Method For Analog-To-Digital.. |
| Express Mail Label No. | EL426885543US   |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

|   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <b>27</b>]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>4</b>]</p> <p>5. Oath or Declaration [Total Pages <b>3</b>]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s)<br/>named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|---|---|

**ACCOMPANYING APPLICATION PARTS**

|   |   |
|---|---|
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  |   |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)   | <input checked="" type="checkbox"/> Power of Attorney       |
| 11. <input type="checkbox"/> English Translation Document (if applicable)   |   |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449   | <input checked="" type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment  |   |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)                                     |   |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)   |   |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |   |
| 17. <input type="checkbox"/> Other:   |   |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**
☐ Customer Number or Bar Code Label **23494** or ☐ Correspondence address below  
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|                   |                      |                                   |         |
|-------------------|----------------------|-----------------------------------|---------|
| Name (Print/Type) | R. Lee Fraley        | Registration No. (Attorney/Agent) | 42,550  |
| Signature         | <i>R. Lee Fraley</i> | Date                              | 8/14/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11056 U.S. PTO  
08/14/0111056 U.S. PTO  
09/29/05  
08/14/01

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

|                      |                 |
|----------------------|-----------------|
| Application Number   | TBA             |
| Filing Date          | August 14, 2001 |
| First Named Inventor | James L. Todsén |
| Examiner Name        | TBA             |
| Group Art Unit       | TBA             |
| Attorney Docket No.  | 38880.2200      |

TOTAL AMOUNT OF PAYMENT **\$894.00**

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

19-2814

Deposit  
Account  
Name

Snell & Wilmer

- ☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17
- ☐ Applicant claims small entity status  
See 37 CFR § 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 101          | 710      | 201          | 355      | Utility filing fee     | 710.00   |
| 106          | 320      | 206          | 160      | Design filing fee      |          |
| 107          | 490      | 207          | 245      | Plant filing fee       |          |
| 108          | 710      | 208          | 355      | Reissue filing fee     |          |
| 114          | 150      | 214          | 75       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | \$710.00 |

#### 2. EXTRA CLAIM FEES

| Total Claims       |         | Extra Claims |   | Fee from below | Fee Paid |
|--------------------|---------|--------------|---|----------------|----------|
|                    |         |              |   |                |          |
| 28                 | -20** = | 8            | X | 18.00          | 144.00   |
| Independent Claims | 3       | -3** =       | 0 | X              | 0.00     |
| Multiple Dependent |         |              |   |                |          |

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 103          | 18       | 203          | 9        | Claims in excess of 20                                     |          |
| 102          | 80       | 202          | 40       | Independent claims in excess of 3                          |          |
| 104          | 270      | 204          | 135      | Multiple dependent claim, if not paid                      |          |
| 109          | 80       | 209          | 40       | ** Reissue independent claims over original patent         |          |
| 110          | 18       | 210          | 9        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) **\$144.00**

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 105          | 130      | 205          | 65       | Surcharge - late filing fee or oath  |          |
| 127          | 50       | 227          | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 130      | 139          | 130      | Non - English specification  |          |
| 147          | 2,520    | 147          | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112          | 920*     | 112          | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 1,840*   | 113          | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115          | 110      | 215          | 55       | Extension for reply within first month                                     |          |
| 116          | 390      | 216          | 195      | Extension for reply within second month                                    |          |
| 117          | 890      | 217          | 445      | Extension for reply within third month                                     |          |
| 118          | 1,390    | 218          | 695      | Extension for reply within fourth month                                    |          |
| 128          | 1,890    | 228          | 945      | Extension for reply within fifth month                                     |          |
| 119          | 310      | 219          | 155      | Notice of Appeal   |          |
| 120          | 310      | 220          | 155      | Filing a brief in support of an appeal                                     |          |
| 121          | 270      | 221          | 135      | Request for oral hearing   |          |
| 138          | 1,510    | 138          | 1,510    | Petition to institute a public use proceeding                              |          |
| 140          | 110      | 240          | 55       | Petition to revive - unavoidable   |          |
| 141          | 1,240    | 241          | 620      | Petition to revive - unintentional   |          |
| 142          | 1,240    | 242          | 620      | Utility issue fee (or reissue)   |          |
| 143          | 440      | 243          | 220      | Design issue fee   |          |
| 144          | 600      | 244          | 300      | Plant issue fee  |          |
| 122          | 130      | 122          | 130      | Petitions to the Commissioner  |          |
| 123          | 50       | 123          | 50       | Processing fee under 37 CFR § 1.17(q)                                      |          |
| 126          | 180      | 126          | 180      | Submission of Information Disclosure Statement                             |          |
| 581          | 40       | 581          | 40       | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146          | 710      | 246          | 355      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 710      | 249          | 355      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 710      | 279          | 355      | Request for Continued Examination (RCE)                                    |          |
| 169          | 900      | 169          | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **\$40.00**

### SUBMITTED BY

Name (Print/Type) R. Lee Fraley

Registration No.  
(Attorney/Agent)

42,550

### Complete (if applicable)

Telephone

(602) 382-6250

Signature

*R. Lee Fraley*

Date

8/14/01

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